Result No.

Score

Query Match

Length

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Description

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Maximum Match 100%
Listing first 45 summaries
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Maximum DB seq length: 2000000000
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Copyright (c) 1993 - 2000 Compugen Ltd.
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> > G49238 AF329455 S77585 G11190

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G49238 Ntrkr3 Mous
AF329455 Cricetulu
S77555 Ptk-3L-radi
G11190 SHGC-10808
AC022301 Mus muscu
S77556 Ptk-3S-radi
X99025 H.sapiens
G15457 human STS S
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X99031 H.sapiens
AF915247 Rattus no
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X98208 H.sapiens

HSDRTK15 HSDRTK14

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AF026259 Mus muscul
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HUMRTK BC008716 HUMCAK AR094160 AR103004 AR105288

AR1034160 Sequence AR103004 Sequence AR105288 Sequence

BC008716 Homo sapi L20817 Homo sapien

X74979 H.sapiens T Z29093 H.sapiens E L57508 Homo sapien

I80845 Sequence 3

3383.2 3366

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

BASE COUNT ORIGIN	FEATURES source	TITLE JOURNAL	AUTHORS	REFERENCE	ORGANISM	SOURCE	KEYWORDS	VERSION	ACCESSION	DEFINITION	Locus	RESULT 1	
/organism="unknown" 735 a 1234 c 1182 g 811 t		Recombinant DNA encoding CCK 2, a receptor tyrosine kinase Patent: US 5677144-A 1 14-OCT-1997:	Ullrich, A. and Alves, F. HildegardElisabeth.	Unclassified.  1 (bases 1 to 3962)	Unknown.	Unknown.	•	I68738.1 GI:2830860	168738	nt US 5677144.	I68738 3962 bp DNA PAT 04-FEB-1998		
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			CA 960 CA 960	901 ACACCGCCCTGTGGGGCAGACAATGTATTTATCTGAGGCCGTGTACCTCAACGACTCCA 	ρ <sub>0</sub>
			11 100 11 900	841 TGAGTGTCTGTCTGCGGGTAGAGCTCTATGGCTGCCTCTGGAGGGATGGACTCCTGTCT 	р <i>Q</i>
			CA 840 1   CA 840	781 ACCTTGGGCCCCCATGGTTGCCCGACTGGTTCTACCCCCGGGCTGACCGGGTC.	р 9
			3G 780    3G 780	721 ACCGCTGGGGTCAGGAGGTGATCTCAGGCAATGAGGACCCTGAGGGAGTGGTGCTGAAGG	β Q
•	<del></del>		3G 720    3G 720	661 TCTCCCGGAGCTACCGGCTGCGTTACTCCCCGGGATGGTCGCCGCTGGATGGGCTGGAAG	B 64
,			3T 660	601 TCCACCTGGTGGCTCTGGTGGGCACCCAGGGACGCATGCCGGGGGCCTGGGCAAGGAG	Db Qy
			AC 600 AC 600	541 GCCCGCAGGGTCGGTGTTTCCCAAGGAGGAGGAGTACTTGCAGGTGGATCTACAACGA 	Db Qy
			GT 540	481 CAGATTCCACTGCCGCCGCCCACAGCAGGTTGGAGAGCAGTGACGGGGATGGGGCCTGG	Db Qy
			GT 480	421 CCCTGGGCATGCAGGACCGGACCATCCCAGACAGTGACATCTCTGCTTGCT	Ωу
			TG 420    TG 420	361 TGGTGGCAAGTGGAGATGCTGACATGAAGGGACATTTTGATCCTGCCAAGTGCCGCTATG 	ο Оу
			CT 360 CT 360	301 GGCCCGAGGATCAGGAGCTATGGGACCAGAGGCCCTGTCATCTTTACTGCTGCTGCTGCTC 	D Qy
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			AT 240 AT 240	181 CCCGGGTCGGACGCCTGGGTCTGCCGGGAAGAGCGATGAGAGGTGTCTGAAGGTGGCTA 	Db Qy
			CT 180 	121 CCGCCTCCTGGCTCCCCCCCCCCCCCCCCCCCCCCCCC	D 04
	·		TC 120 	61 CTGCTCTCGGGAGCCGCCTCCCGACACCCGAGCCCCGCCGGGGGCCTCCCGGCTCCCGGCT 	-B &
			AG 60	1 CGGGCCTGAGACTGGGGTGACTGGGGACCTAAGAGAATCCTGAGCTGGAGGCCCCCGACA 	p 64
		0;	Gaps	Query Match 100.0%; Score 3962; DB 6; Length 3962; Sest Local Similarity 100.0%; Pred. No. 0; Atches 3962; Conservative 0; Mismatches 0; Indels 0;	Qu Be Ma

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	3180	GGGAAGCCAGTGACACTAAAACAAGAGGACACAATGGCACCTCTGCCCTTCCCCTCCGA	3121	D Qy
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	3000	TGTACCTGTCCCGGCCGCCTGCCTGCCCGCAGGGCCTATATGAGCTGATGCTTCGGTGCT -	9 9	g 49
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	. 2160			DЬ

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A42378 LOCUES DEFINITION ACCESSION VERSION KEYWORDS SOURCE ORGANISM REFERENCE AUTHORS TITLE JOURNAL COMMENT FEATURES	ОУ	Db Qy	D Q	ОУ	Дy	Оy	Qу	Qy	ДУ	Db QY	D QY	рр	ĎЬ	OD
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A42378 3754 bp DNA Sequence 1 from Patent WO9502187. A42378 A42378.1 GI:2297854 unidentified. unidentified unclassified. 1 (bases 1 to 3754) Gusterson, B.A., Crompton, M.R., Mitchell, P.J., Barker, K.T., Martindale, J.E., Page, M.J. and Spence, P. CELL GROWTH FACTOR RECEPTORS Patent: WO 9502187-A 1 19-JAN-1995; CANCER RES INST (GB) Other publication AU 7081094 950206.	TC 3962	GCACTAGGCAGGTAATAATAAAGGTTGAGTTTTCCACAAAAAAAA	GGAGAGACACAGATTTTACACTAATATATGGACCTAGCTTGAGGCAATTTTAATCCCCT 39 	TCTAGTGTAGCTGCCACATTGATTTTTCTATAATCACTTGGGGTTTGTACATTTTTGGGG 3 	TAAATATTGGGATTGGGGGAAAGAGGGAGCAACGGCCCATAGCCTTGGGGTTGGACATC .3	CCACTTCCCACTTGCAGTCTTGTAGCTAGAACTTCTCTAAGCCTATACGTTTCTGTGGAG 3	CTCCTCCATCACCTGAAACACTGGACCTGGGGGTAGCCCCGCCCCAGCCCTCAGTCACCC 3	AGGAGAGAAAATGTTTCCTTGTGCCTGCTGCTGCTTACTTGTCCTCAGCTTGGGCTTCTTC 3	TCTCTCCCTGTCACACACTGGACCCCACTGGCTGAGAATCTGGGGGTGAGGAGGACAAGA 3	GAGCACCTGGGCCCCACTGGACAACACTGATTCCTGGAGAGGTGGCTGCGCCCCAGCTTC 3	AGCCATCCCTTGGGGAAGGGTGGGGAGAAATATAGGATAGACACTGGACATGGCCCATTG 3	ര – ഒ	CTGATGCCCCTTCTCCCCTTCCTGACACACTCTCATGTCCCCTTCCTGTTCTTCCTTC	CAGCCCATCACCTCTAATAGAGGCAGTGAGACTGCAGGTGGGCTGGGCCCACCCA
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2937 2743	AGCTCACCGACGAGCAGGTCATCGAGAACGCGGGGAGTTCTTCCGGGACCAGGGCCGGC 2	
2877 2683	GGGCCTTTGGTGTACCCTGTGGGAGGTGCTGATGCTCTGTAGGGCCCAGCCCTTTGGGC 2 	N N
2817 2623	TCCGCTGGATGGCCTGGGAGTGCATCCTCATGGGGAAGTTCACGACTGCGAGTGACGTGT 2	
2757 2563	TGAGCCGGAACCTCTATGCTGGGGACTATTACCGTGTGCAGGGCCGGGCAGTGCTGCCCA 2	N N
2697 2503	TGGCCACGCGGAACTGCCTAGTTGGGGAAAATTTCACCATCAAAATCGCAGACTTTGGCA	2 2 6
2637 2443	CAGCCCAGATCGCCTCCGGCATGCGCTATCTGGCCACACTCAACTTTGTACATCGGGACC	ũ in
2577 2383	CTGGGGACGGCAGGCTGCGCAGGGGCCCACCATCAGCTACCCAATGCTGCTGCATGTGGGIIIIIIIIII	Qy 2518 Db 2324
2517 2323	GCGACCTCAACCAGTTCCTCAGTGCCCACCAGCTGGAGGACAAGGCAGCCGAGGGGGCCC	45 26
2457 2263	TGCTGGGCGTGTGTGCAGGACGACCCCCTCTGCATGATTACTGACTACATGGAGAAACG	Qy 2398 Db 2204
2397 2203	ATGATTTCCTGAAAGAGGTGAAGATCATGTCGAGGCTCAAGGACCCCAACATCATTCGGC	Qy 2338 Db 2144
2337 2143	8 CTGTCAAGATCTTACGGCCAGATGCCACCAAGAATGCCAGCTTCTCCTTGTTCTCCAGGA 	Qy 227 Db 210
2277 2101	8 AAGATCTGGTCAGTCTTGATTTCCCCCTTAATGTGCGTAAGGGACACCCTTTGCTGGTAG 	21
2217 2041	8 AGGAGAAGCTTGGCGAGGGCCAGTTTGGGGAGGTGCACCTGTGTGGGGTCGACAGCCCTC	Qy 215 Db 198
2157 1981	8 CAGGGCAGTCGGGGATGGGCCCCCCCAGAGTTTCCCTCGATCTCGACTCCGCTTCA	Qy 209 Db 192
2097 1921	8 ACATTGTTACCCTGCAGGGCGTCACCGGGGGCAACACCTATGCTGTGCCTGCACTGCCCC	ДУ 203 Db 186
2037 1861	8 CAGGCGCCCCGCTTCTGCCCCCACCTCCCCAGAACAGCGTCCCCCATTATGCCGAGGCTG	Qy 197 Db 180
1977 1801	8 CCTGGGCCAAACCCACCAACACCCAGGCCTACAGTGGGGACTATATGGAGCCTGAGAAACC	Qy 191 Db 174
1741		Db 168

ACTCARCACGGTGTGARTCACACATCAGCTGCCCCTCCTCAGCTGCCTCCAGCTCACCACCTCAACACACGGTGTGAATCACACATCCAGCTGCCTCCCTC
TTCCCAGCTY AGCTGCACC

RESULT 3
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DEFINITION
ACCESSION
VERSION

HUMRTK 3738 bp mRNA PRI 27-SEP-1993 Homo sapiens receptor tyrosine kinase mRNA, complete cds. L11315 L11315.1 GI:403386

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Best Local Similarity

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Homo sapiens (library: lambda-gtll) term placenta cDNA to mRNA.
Homo sapiens
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/tissue_type-"term placenta"
/tissue_lib="lambda-gtil"
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244 270 250	CGGGCAGGCTGCGCAGGGGCCCACCATCAGCTACCCAATGCTGCTGCAT( 	2461 ACCTCAACCAGTTCCTCAGTGCCCACCAGCTGGAGGACAAGGCAAGCCGAGGGGGCCCCTG 2520	2401 TGGGCGTGTGTGTGCAGGACGACCCCCTCTGCATGATTACTGACTACATGGAGAACGGCG 2460	2341 ATTTCCTGAAAGAGGTGAAGATCATGTCGAGGCTCAAGGACCCCAACATCATTCGGCTGC 2400	2281 TCAAGATCTTACGGCCAGATGCCACCAAGAATGCCAGCTTCTCCTTGTTCTCCAGGAATG 2340	2221 ATCTGGTCAGTCTTGATTTCCCCCCTTAATGTGCGTAAGGGACACCCTTTGCTGGTAAGCTG 2280	2161 AGAAGCTTGGCGAGGGCCAGTTTGGGGAGGTGCACCTGTGTGAGGTCGACACCCCTCAAG 2220	2101 GGGCAGTCGGGGATGGGCCCCCCAGAGTGGATTTCCCTCGATCTCGACTCCGCTTCAAGG 2160	ACT	1981 GCGCCCGCTTCTGCCCCCACCTCCCCAGAACAGCGTCCCCCATTATGCCGAGGCTGACA 2040	1921 GGGCCAAACCCAACACCCAGGCCTACAGTGGGGACTATATGGAGCCTGAGAAGCCAG 1980 	1861 GCCTCCTTCTGGCCACTTACGCCCGTCCCCCCGAGGCCCGGGCCCCCCACACACCCGCCT 1920	1801 CCCACTCCGCTGTGTCCCCAATGGCTCTGCGTTGCTGCTCCCAATCCAGCCTACC 1860	CCAC	1681 TGTTGGAAGAGGAGCTGACGGTTCACCTCTCTGTGCCCTGGGGACACTATCCTCATCAACA 1740	1382 GCCCGACCGCCATCCTCATCGGCTGCCTGCTGGTGGCCATCATCCTGCTGCTGCTCATCA 1441 1621 TTGCCCTCATGCTCTGGCGGCTGCACTGGCGCAGGCTCCAGCAAGGCTGAACGGAGGG 1680	
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3460 CCCCACTTCCCACCTGCAGTCTTGTAGCTAGAACTTCTCTAAGCCTATACGTTTCTGTG 3519 3718 GAGTAAATATTGGGAGTGGGGGAAAAAAGAGGGAGCAACGGCCCATAGCCTTTGGGGTTGGC 3777	5 5 5	539 GAAG	479 TCTC	420 GGAG 1111 220 GGAG	360 TAGC	3300 CTAGAAGCCCTGTCGCCCACCCAGCTGGTCCTGTGGATGGGATCCTCTCCACCCTCCTC	3240 GCTGATGCCCCTTCTCCCCCTTCCTGGACACACTCTCATGTCCCTTCCTT	3180 ACAGCCCATCACCTCTAATAGAGGCAGTGAGACTGCAGGTGGGCTGGGCCCACCCA	3121 GGGAAGCCAGTGACACTAAAACAAGAGGACACAATGGCACCTCTG-CCCTTCCCCTCCCGG	3061 ATGCACTCAACACGGTGTGAATCACACATCCAGCTGCCCCTCCCT	3001 GGAGCCGGGAGTCTGAGCAGCGACCACCCTTTTCCCAGCTGCATCGGTTCCTGGCAGAGG	2941 TGTACCTGTCCCGGCCGCCTGCCTGCCCGCAGGGCCTATATGAGCTGATGCTTCGGTGCT	2881 TCACCGACGAGCAGGTCATCGAGAACGCGGGGGAGTTCTTCCGGGACCAGGGCCGGCAGG	1 CCTT	2761 GCTGGATGGCCTGGGAATGCATCCTCATGGGGAAGTTCACGACTGCGAGTGACGTGTGGG	01 GCC0      04 GCC0	

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Web site; http://www.nisc.nih.gov/
Contact:, nisc_mgc@nhgri.nih.gov
Shevchenkb,Y., Wetherby,K.D., Beckstrom-Sternberg,S.M.,
Benjamin,B., Blakesley,R.W., Bouffard,G.G., Brinkley,C., Brooks,S.,
Benjamin,B., Guan,X., Gupta,J., Ho,S.-L., Karlins,E., Legaspi,R.,
Lim,M., Maduro,Q.L., Masiello,C., Mastrian,S.D., McCloskey,J.C.,
McDowell,J., Pearson,R., Snyder,B., Stantripop,S., Thomas,P.J.,
Tiongson,E.E., Touchman,J.W., Tsurgeon,C., Vogt,J.L., Walker,M.A.,
Zhang,L.-H. and Green,E.D.
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CDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
CDNA Sequencing by: National Institutes of Health Intramural
Sequencing Center (NISC),
Sequencing, Maryland;
                                                                                                                                                                                                                                                                                                                                                                         Series: IRAL plate: 1 Row: o Column: 24
This clone was selected for full length sequencing because
passed the following selection criteria: matched mRNA g1: 4
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Clone distribution: MGC clone distribution through the I.M.A.G.E. Consortium/LLNL at:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Submitted (25-MAY-2001) National Institutes of Health, Mammalian Gene Collection (MGC), Cancer Genomics Office, National Cancer Institute, 31 Center Drive, Room 11A03, Bethesda, MD 20892-2590,
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MGC:8681 IMAGE:2964574, mRNA,
BC008716
BC008716.1 GI:14250529
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NIH-MGC Project URL: http://mgc.nci.nih.gov
Contact: MGC help desk
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/product="discoidin domain receptor family, member 1"
/protein_id="AAH98716.1"
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/translation="MGPEALSGLLLLLLVASGDADMKGHFDPAKCRYALGMQDRTIPD
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                                                                                                                                                                   /note="Vector:
                                                                                                                                                                                                                                                           /db_xref="taxon:9606"
/clone="MGC:8681 IMAGE:2964574"
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/db_xref="LocusID:780"
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ARLVRRYPRADRVMSVCLRVELYGCLWRDGLLSYTAPVGQTMYLSEAVYLNDSTYDGH
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VLMLCRAQOFFGQLTDBGVIRVAGGRAVLPIRWAMWECILMGKFTTASDVWAFGVTLWE
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           CCGCTGGGGTCAGGAGGTGATCTCAGGCAATGAGGACCCTGAGGGAGTGGTGCTGAAGGA
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CCGCTGGGGTCAGGAGCTGATCTCAGGCAATGAGGACCCTGAGGGAGTGGTGCTGAAGGA
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AACAACATGCACACGCTGGG
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GGGTCTGGCCAGGCTATGA
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A receptor tyrosine kinase found in breast carcinoma extracellular discoidin I-like domain
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Identification and chromosomal mapping of a receptor tyrosine kinase with a putative phospholipid binding sequence in its
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Direct Submission
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Direct Submission
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AGEFFRDGGROVYLSRPPACPGGLYELMLRCWSRESEQRPPFSQLHRFLAEDALNTV"
21 a 1184 c 1123 g 775 t
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/dev_stage="fetus"
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Location/Qualifiers
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Scadden,D.T., Baker,K.P. and Baron,
Protein tyrosine kinases
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1 Godowski,P.J., Mark,M.R. and Scadden,D.T.
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1935 1696	CTTACGCCCGTCCCCCTCGAGGCCCGGGCCCCCCACACCCGCCTGGGCCAAACCCACCA 1	y 1876 b 1637	<u> </u>
1875 1636	GTGTCCCAATGGCTCTGCGTTGCTGCTCCAATCCAGCCTACCGCCCTCCTTCTGGCCA 1	ъ ў 1	9 0
1815 1576	GAGAGCCACCCCGGTACCAGGAGCCCCGGCCTCGTGGGAATCCGCCCCACTCCGCT.	y 175 b 151	
1755 1516	TGACGGTTCACCTCTCTGTCCCTGGGGACACTATCCTCATCAACAACCACCCCAGGTCCTA 	у 16 b 14	D O
1695 1456	GGCGGCTGCACTGGCGCAGGCTCCTCAGCAAGGCTGAACGGAGGGTGTTGGAAGAGGAGC	λy 1636 3b 1397	D O
1635 1396	CATCGGCTGCCTGGTGGCCATCATCCTGCTCCTGCTGCTCATCATTGCCCTCATGCTCT	y 157 b 133	0 0
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1515 1276	6 CCTTCCCGCCAGCCCCTGGTGGCCGCCTGGCCCACCTCCCACCTACAACTTCAGCAGCTTGG	y 145 b 121	D O
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1215 976	6 CCTTCCAGGCTATGCAGGTCCACTGTAACAACATGCACACGCTGGGAGCCCGTCTGCCTG 	Oy 11:5 Db 91	п о
1155 916	6 GCAACCACAGCTICTCCAGTGGCTÀTGTGGAGATGGAGTTTGAGTTTGAGCGGCTGAGGG 	Qy 109 Db 85	
1095 856	6 ATGACTITAGGAAGAGTCAGGAGCTGCGGGTCTGGCCAGGCTATGACTATGTGGGATGGA 	у 10 ъ 7	- ~
1035 796	6 CCGTGGGCCGACTGCAGTATGGGGGGTCTGGGCCAGCTGGCAGATGGTGTGGGGCCTGG	Qy 97 Db 73	~
975 736	6 GGCAGACAATGTATTTATCTGAGGCCGTGTACCTCAACGACTCCACCTATGACGGACATA	Qy 91 Db 67	
915 676	6 GGGTAGAGCTCTATGGCTGCCTCTGGAGGGATGGACTCCTGTCTTACACCGCCCCTGTGG	Qy 85 Db 61	

Οу	Db Qy	₽	Qy	В	Qy	Дb	Qy	Db	Qy	ф	Qy	dd	Qy	Дb	Qy	Db .	Qy	Db	Qγ	рь	Qy	ДĎ	Qy	Db	Qy	Дь	Ωу	ДĎ	Qy	문 :	Q Q	Дy	DЬ
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Godowski.P.J., Mark,M.R. and Scadden,
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2459 CTG	g B		397 GCCGGCTGCACTGGCGCAGGCTCCTCAGCAAGGCTGAACGGAGGGTGTTGGAAGAGGGAGC 145	
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39	Db		137 TCATCGGCTGCCTGGCGCTCTCATCCTGCTGCTGCTCATCATTGCCCTCATGCTCT 1396	Db 13
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2279 CGC	ДЪ		217 CCTTCCCGCCAGCCCCTGGTGGCCGCCTGGCCCACCTCCACCTACCT	-ب
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2470 ICA       2219 TCA	D 5		1396 TCAGCGAAATCTCCTTCATCTCTGATGTGGTGAACAATTCCTCTCCGGCACTGGGAGGCA 1455 	Qy 13
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2416 AGG	Qy		-3	
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2236 AT1	Qy		56 CCTTCCAGGCTATGCAGGTCCACTGTAACAACATGCAGAGCTTGGGAGCCCGTCTTGCCTGC 12	ь
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2G 3315    	CCCTTCCTGGACACACTCTCATGTCCCCTTCCTGTTCTTCCTTC	3256 2959	Qу Дъ
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CT 3195     T 2938	CTAAAACAAGAGGACACAATGGCACCTCTGCCCTTCCCCTCCCGACAGCCCATCACCTC	3136 2879	Дy
CA 3135     CA 2878	TGTGAATCACACATCCAGCTGCCCCTCCCTCAGGGATGATCCAGGGGAAGCCAGTGAC	3076 2819	Дy
GG 3075    GG 2818	AGCAGCGACCACCTTTTCCCAGCTGCATCGGTTCCTGGCAGAGGATGCACTCAACAC(	75	Db Qy
TG 3015	CGCCTGCCTGCCCGCAGGGCCTATATGAGCTGATGCTTCGGTGCTGGAGCCGGGAGTCT	69	D Q
GC 2955 	TCATCGAGAACGCGGGGGAGTTCTTCCGGGACCAGGGCCGGCAGGTGTACCTGTCCCG	2896 2639	Оу
.GG 2895    	TGTGGGAGGTGCTGATGCTCTGTAGGGCCCAGCCCTTTGGGCAGCTCACCGACGACGACGACCACLALLLLLLLLLL	2836 2579	Db Qy
CC 2835 	GGGGAAGTTCACGACTGCGAGTGACGTGTGGGCCTTTGGTGTGAC 	977	Дb
GG 2775   - GG 2518	CTGGGGACTATTACCGTGTGCAGGGCCGGGCAGTGCTGCCCATCCGCTGGATGGCCTG	2716 2459	Qy Db
ATG 2715	TAGTTGGGGAAAATTTCACCATCAAAATCGCAGACTTTGGCATGAGCCGGAACCTCTA		Qy Db
CC 2655	GATGCGCTATCTGGCCACACTCAACTTGTACATCGGGACCTGGCCACGCGGAACTG	33	Qy Db
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3GC 2295 11 3GC 2056	S ATTTCCCCCTTAATGTGCGTAAGGGACACCCTTTGCTGGTAGCTGTCAAGATCTTACG	2236 1997	Qy Db

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          Direct Submission
Submitted (08-SEP-1993) M. De Luca, Istitu
Ricerca sul, Cancro, Lab Differenziamento
Benedetto XV, 10 - 16132 Genova, ITALY
Location/Qualifiers
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J. Biol. Chem. 268 (32), 24290-24295 (1993)
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Query Match
Best Local Similarity 96.
Matches 3541; Conservative

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/product="receptor
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Perez,J.L., Jing,S.Q. and Wong,T.W. Identification of two isoforms of the (coexpressed in breast tumor cell lines oncogene 12 (7), 1469-1477 (1996)
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OY 1990 TTCTGCCCCACCTCCCCAGAACAGCGTCCCCCATTATGCCGAGGCTGACATTGTTACCC 2049	Qy 910 CTGTGGGGCAGACAATGTATTTATCTGAGGCCGTGTACCTCAACGACTCCACCTATGACG 969
	Qy 850 GTCTGCGGGTAGAGCTCTATGGCTGCCTCTGGAGGGATGGACTCCTGTCTTACACCGCCC 909
1705	Db 662 CCCCATGGTTGCCCGACTGGTTCGCTTCTACCCCCGGGCTGACCGGGTCATGAGCGTCT 721
Db 1682 CTCCCTGTGTCCCCAATGGCTCT 1704  Qy 1870 TGGCCACTTACGCCCCGTCCCCCTCGAGGCCCCCCCCCC	602 GTCAGGAGGTGATCTCAGGCAATGAGGACCCTGAGGGAGTGGTGCTGAAGGACCTTGGGC
QY 1810 CTCCCTGTGTCCCCAATGGCTCTGCGTTGCTCCCAATCCAGCCTACCGCCTCCTTC 1869	GTCAGGAGGTGATCTCAGGCAATGAGGACCCTGAGGGAGTGGTGCTGAAGGACCTTGGGC
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2 0	QY 430 TGCAGGACCGGACCATCCCAGACAGTGACATCTCTGCTTGCAGCTCCTGGTCAGATTCCA 489
QY 1450 GAGGCACCTTCCCGCCAGCCCCTGGTGGCCCACCTCCCACCCA	OY 370 GTGGAGATGCTGACATGAAGGGACATTTTGATCCTGCCAAGTGCCGCTATGCCCTGGGCA 429
OY 1390 TACTCTTCAGCGAAATCTCCTTCATCTCTGATGTGGTGAACAATTCCTCCGGCACTGG 1449	OY 310 GATCAGGAGCTATGGGACCAGAGGCCCTGTCATCTTTACTGCTGCTGCTCTTTGGTGGCAA 369
Qy 1330 CCCTTGGCGGCCGGTGTGGCTCGCTTTCTGCAGTGCCGCTTTCCTCTTTGCGGGGCCCTGGT 1389	QY 250 GATGGGGTTGGACTTGAAGGAATGCCAAGAGATGCTGCCCCACCCCCTTAGGCCCGAGG 309
QY 1270 CCATGCGCCACAACCTAGGGGGCAACCTGGGGGACCCCAGAGCCCGGGCTGTCTCAGTGC 1329	QY 190 GACGCCTGGGTCTGCCGGGAAGAGCGATGAGAGGTGTCTGAAGGTGGCTATTCACTGAGC 249
OY 1210 TGCCTGGCGGGGTGGAATGTCGCTTCCGGCGTGGCCCTGCCATGGCCTGGGAGGGGGAGC 1269	QY 130 GGCTCCCTCCGCCTCCGCCCCCCCGCCGCCGCAAGAGGCCCCGCTCCCGGGTCG 189
QY 1150 TGAGGGCCTTCCAGGCTATGCAGGTCCACTGTAACAACATGCACACGCTGGGAGCCCGTC 1209	GCGCCTCCCGCTCCCGGCTCCCG 129
QY 1090 GATGGAGCAACCACAGCTTCTCCAGTGGCTATGTGGAGATGGAGTTTGAGTTTGACCGGC 1149  + - - - - - - - - - - - - - - - - - -	Ouery Match  83.6%; Score 3312.4; DB 9; Length 3692;  Best Local Similarity 94.1%; Pred. No. 0;  Matches 3654; Conservative 0; Mismatches 21; Indels 209; Gaps 12;
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Db 842 GACATACCGTGGGCGGACTGCAGTATGGGGGTCTGGGCCAGCTGGCAGATGGTGTGG 901	FTIKIADFGMSRNLYAGDYYRVÓGRAVLÞIRMMAWECILMGKFTTASDVMAFGYTLWE VLMLCRAQÞFGQLTDEQVIENAGEFFRDQGRQVYLSRÞÞACÞQGLYELMLRCWSRESE

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                 4 Mus musculus
Eukaryota; Metazoa; Chordata; Craniata
Mammalia; Butheria; Rodentia; Sciurogn
1 (bases 1 to 3659)
Zerlin,M., Julius,M.A. and Goldfarb,M.
NEP: a novel receptor-like tyrosine ki
proliferating neuroepithelia
Oncogene 8 (10), 2731-2739 (1993)
                                                                                                                                                 ACTTGCAGTCTTGTAGCTAGAACTTCTCTAAGCCTATACGTTTCTGTGGAGTAAATATTG
                                                                                                                                                                                                                                                                                       CACCTGAAACACTGGACCTGGGGGTAGCCCCGCCCCAGCCTCAGTCACCCCCACTTCCC
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2 (bases 1 Zerlin, M.,
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Julius, M.A.
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                                                   Craniata; Vertebrata;
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kinase
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Submitted (22-SEP-1997) Brookdale Center for Developmental and Molecular Biology, Mount Sinai School of Medicine, 1 Gustave Le Place, New York, NY 10029, USA Location/Qualifiers
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PITCCTGAAAGAGGTGAAGATCATGTCGA 237
2311 ATGCCAGCTTCTCCCTTGTTCTCCCAGGAATGATTCCTGAAAGAGGTGAAGATCATGTCGA 237 2085 ATG
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2251 TGCGTAAGGGACACCCTTTGCTGGTAGCTGTCAAGATCTTAC
2191 TGCACCTGTGTGAGGTCGACAGCCCTCAJ
2131 ATTTCCCTCGATCTCGACTCCGCTTCAAGG
2071 ACACCTATGCTGTGCCTGCACTGCCCCC
2011 ACAGCGTCCCCCATTATGCCG
1951 GTGGGGACTATATGGAGCCTGAGAAGC
1891 CTCGAGGCCCGGGCCCC
1831 CTGCGTTGCTGCTCTCCAATCCA
1771 ACCAGGA         1545 ACCAGGA
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receptor kinase.
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Perez,J.L., Jing, S.Q. and Wong, T.W.
Identification of two isoforms of the Cak receptor k coexpressed in breast tumor cell lines oncogene 12 (7), 1469-1477 (1996)
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FSSLELEPRGQOPVAKAEĞSPTAILIGCLVAIILLLIIIALMIRHLHWRRLLSKAER
RVLEEELTVHLSVPGDTILINURPGPREPPYQEPRGTPPHSAPCVPNGSALLLSN
PAYRLLLAT'ARPPRGPPPPAWAKPTNTQACSGDYMBPEKPGAPLLPPPQNSVPH
YAEADIVTLQGVTGGNTYAVPALPPGAVGDGPPXVDFPRSRLFFKEKLGEGGGEVHL
CEVEDPQDLVSSDFPISYKGHPLLVAVWILRPDATKNARNDFLKEVKINSRLKDPNI
IRLIGVCVQDDPLCMITDYMENGDLNQFLSARQLENKATQGLSGDTESDQGFTISYPM
LLHVGAQIASGMRYLAFIAFVHRDLATRKCLVGENFTIKJADFGMSRNLVAGDYYRVQ
GRAVLPIRWAWECILMGKTTASDVNAFGVTLWEVLMLCRSQPPGQUTDEQVIENAG
EFFRDQGRQVYLSRPPACPQTLYELMLRCWSREPEQRPPPAQLHRELADDALNTV*
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/protein_id="AAB05209.1"
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/db_xref="GI:1161063"
/db_xref="G
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/strain="C57BL"
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2430 2192	1 GGCTCAAGGAO	13	p &
2370 2132	1 ATGCCAGCTTCTCCTTGTTCTCCAGGAATGAT1	99	B 8
2310 2090	1 TGCGTAAGGGACACCCTTTO	0 10	ğ 8
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2130 1910	1 ACACCTATGCTGTGCCTGCA	8 0	B 5
2070 1850	1 ACAGCGTCCCCATTATGCCGAC	7 0	g Q
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1890 1670	1 CTGCGTTGCTGCTC	16	g q
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1710 1490	1 GCAGGCTCCTCAGCAAG 	16 14	g g
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3688	3631 GGGTAGCCCCGCCCCAGCCCTCAGTCACCCCCCACTTCCCACTTGCAGTCTTGTAGCTA 3	Qy	
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3630	PACTTGTCCTCAGCTTGGGCTTCTTCCTCCTCCATCACCTGAAAC	Qу	٠.
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3510	3451 TTCCTGGAQAGGTGGCTGCCCCCAGCTTCTCTCTCTCTCACACACTGGACCCCACTG : .IIIIIII   IIIIII   IIIII   IIIIII	B 8	
3173	133 TGCTGGGCGTACACTGGACAAGG	Db	
3450	391 TATAGGATAGACACTGGACATGGCCCCATTGGAGCACCTGGGCCCCACTGGACACACTGA	Qy	
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3390	TGGATGGGATCCTCTCCACCCTCCTCTAGCCATCCCTTGGGGAAGGGTGGGGAGAAA	QУ	
3072	AAGTGCCACCCTCCCAGCTGGCC	DЬ	
3330	AAGCCCCTGTCGCCCACCCAGCTGGTC	Qy	
3012	> —	Дb	
3270	3CTGGGCCCACCCAGGGAGCTGATGCCCCTTCTCCCCTTCCTGGACACA	Qy	
2969	2912 CCTATGCGACCGCACCCCACCGTCTCCATACTTGCCCATTCCCCAAGAGGTCAGTGTC	В	
3210	TGGCACCTCTGCCCTTCCCCGACAGCCCATCACCTCTAATAGAGGCAGTGAG	Qy	
2911	2853 CGGCAGCCCTTTCCCAATGGAAGGCCATCCAGGGGAAGCTGGACTCGAAAAC-CGAGAGA	밁	
3150	AGCTGCCCCTCAGGGAGTGATCCAGGGGAAGCCAGTGACACTAAAACAAGAGGAC	Qy	
2852		B	
3090	TTCCCAGCTGCATCGGTTCCTGGCAGAGGATGCACTCAACACGGTGTGAATCACACATC	Qy	
2792	2733 AGACCCTGTATGAGCTGATGCTCCGGTGTTGGAGCCGGAGCCCGAGCAGCCGGCCCCT	망	
3030	GGGCCTATATGAGCTGATGCTTCGGTGCTGGAGCCGGGAGTCTGAGCAGCGACC	Qy	
2732	2673 GCGAGTTCTTCAGGGACCAGGGCCGGCAGGTCTACTTGTCCAGGCCACCCGCCTGCCAC	Дb	
2970	GAGTTCTTCCGGGACCAGGGCCGGCAGGTGTACCTGTCCCGGCCGCCTGCCT	Qy	
2672	2613 TGCTCTGCAGGTCCCAGCCCTTTGGGCAGCTTACAGATGAGCAGGTTATCGAGAATGCCG	DЪ	
2910	GCTCTGTAGGGCCCAGCCCTTTGGGCAGCTCACCGACGAGCAGGTCATCGAGAAC	Qy	
61	2553 GGAAGTTCACAACAGCCAGTGACGTTTGGGCCTTCGGAGTGACCCTGTGGGAGGTGCTGA	DЪ	
85	GAAGTTCACGACTGCGAGTGACGTGTGG	Qγ	
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2790	TGTGCAGGGCGGGCAGTGCTGCCCATC	Qy	
2492	2433 TCACCATCAAAATCGCCGACTTTGGCATGAGCCGGAATCTCTACGCTGGGGATTATTACC	рb	
2730	CACCATCAAAATCGCAGACTTTGGCATGAGCCGGAACCTCTATGCTGGGG	Qy	
43	2373 CCACGCTGAACTTTGTGCATCGGGACCTGGCCACCCGGAACTGCTTGGTTGG	Db	
67	CACACTCAACTTTGTACATCGGGACCTGGCCACGCGAACTGCCTAGTTGGGGAAAAT	Qy	
37	2313 TCAGCTACCCTATGCTGTTACACGTGGGGGCCCAGATCGCCTCTGGCATGCGTTATCTCG	ф	
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tyrosine kinase receptor.
Rattus norvegicus strain Sprague-Dawley DNA.
Rattus norvegicus
Eutkaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Eutkaryota; Metazoa; Chordata; Sciurognathi; Muridae; Murinae;
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DSDISVSSSWSDSTAARHSRLESSDGDCAWCPACPVFPKEEEL/OVDLRRLHLVALVG
TOGRHAGGLGKEFSRSYRLEYSBGGRAWMDWKDRWGQDVISGNEDPGGVVYLKDLGPPM
VARLVRFYPRADRVMSVCLRVELLYGCLWRDGLLSYTAPVGQTMQLSEMVYLNDSTYDG
VTAGGLQYGGLGOLADGVVGLDDFRGSOELRVWPGXYYVGWSHNSFPSGYYENEFEFD
RLRSFQTMQVHCNNMHTLGARLPGGVPCCRFKRGPAMAMEGEPVHHALGGSLGDPRARA
ISVPLGGHVGRFLQCRFLFAGFWLLFSEISFISDVYNDSSDTFPPAFWRDGFDPTNF
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VLEEEĽTVHLSVPGDTILINNRPGPREPPPYQEPRPGTPTHSAFCVPNGSALLLSNP
AYRLLLATYARPPRGPGPPTPAMAKPTNTQACSGDYMEPEKPGAPLLPPPPQNSVPHY
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                                                                                                                                                                                                                                                                                                               /gene-
178. .
                                                                                                                                                                                        /product="tyrosine kinase receptor"
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178. .2910
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178. .2910
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/strain="Sprague-Dawley"
/db_xref="taxon:10116"
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                                                                                                                                                                                                                                                                                                                                                                                   /tissue_type="brain"
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                                CCTCTGGCGGGACGGACTCTTGTCCTATACAGCCCCCGTGGGGCAGACCATGCAATTATC
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/gene="Ptk-3"
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/gene="Ptk-3"
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RLIGVCYQDDFLCMITDYMENGDLNGFISAHQLENKYTGGLFGDRESDGFPTSYPMI
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                                                                                                          GGGGTAGCCCC------GCCCCAGCCCTCAGTCACCCCCACTTCCCACTTGCAGTCTT 3681
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